

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent  
Attorney Docket No. 034071-002

In re Patent Application of

Yoshihito Fukui

Group Art Unit: 3762

Application No.: 10/725,483

Examiner:

Filing Date: December 3, 2003

Confirmation No.: 3993

Title: HEART TREATMENT EQUIPMENT AND METHOD FOR PREVENTING FATAL ARRHYTHMIA

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By Matthew L. Schneider  
Matthew L. Schneider  
Registration No. 32,814

Date: December 9, 2004



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In re Patent Application of	)	
Yoshihito Fukui	)	Group Art Unit: 3762
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For: HEART TREATMENT EQUIPMENT	)	
AND METHOD FOR PREVENTING	)	
FATAL ARRHYTHMIA	)	
	)	
	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.56, the following documents are brought to the Examiner's attention.

U.S. Patent No. 5,578,061. This document corresponds to JP 8-38625 mentioned at the top of page 5 of the present application.

U.S. Patent No. 5,658,318. This document corresponds to Japanese Laid-Open Patent No. 8-52121 mentioned on page 5 of the present application.

U.S. Patent No. 5,330,507. This document corresponds to International Application Publication No. WO 93/21824 mentioned at the bottom of page 5 of the present application.

The following six documents were cited in a Search Report issued by the European Patent Office in connection with a corresponding application. A copy of the Search Report is attached.

International Application Publication No. WO 93/21824.

European Application Publication No. 0 688 578.

European Application Publication No. 0 688 579.

European Application Publication No. 1 142 608.

U.S. Patent No. 6,141,590.

T. Nakajima et al. "The mechanism of catecholaminergic polymorphic ventricular tachycardia may be triggered activity due to delayed after depolarization", European Heart Journal, England, March 1997, pp. 530-531.

The following eight documents were cited in connection with a European Search Report issued in connection with another corresponding foreign application. A copy of the search report is attached.

European Application Publication No. 110509.

U.S. Patent No. 4,928,688.

U.S. Application Publication No. 2002/82660.

International Application Publication No. WO 01/76689.

U.S. Application Publication No. 2001/005790.

International Application Publication No. WO 93/21824

European Application Publication No. 0 688 579.

European Application Publication No. 0 547 734.

Copies of the non-U.S. patents and non-U.S. patent application publications are enclosed and all of the documents cited above are listed on the accompanying form PTO-1449.

The Examiner is respectfully requested to consider the foregoing information and to acknowledge such consideration by returning the signed initialed copy of form PTO-1449.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date December 9, 2004

By: Matthew L. Schneider  
Matthew L. Schneider  
Registration No. 32,814

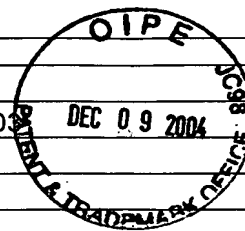
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# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number 10/725,483  
 Filing Date December 3, 2003  
 First Named Inventor Yoshihito Fukui  
 Examiner Name  
 Attorney Docket Number 034071-002



## **U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,578,061	A	Stroetmann et al.	11/26/1996
	5,658,318	A	Stroetmann et al.	08/19/1997
	5,330,507	A	Schwartz	07/19/1994
	6,141,590	A	Renirie et al.	10/31/2000
	4,928,688		Mower	05/29/1990
	2002/082660	A	Andrew et al.	06/27/2002
	2001/005790	A	Ripart	06/28/2001

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	0 547 734	B	Europe	06/23/1993				X			
	WO 93/21824	A	International	11/11/1993				X			
	0 688 578	B	Europe	12/27/1995				X			
	0 688 579	B	Europe	12/27/1995				X			
	0 110 509	A	Europe	06/13/1984				X			
	WO 01/76689	A	International	10/18/2001				X			
	1 142 608		Europe	10/10/2001				X			

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	T. Nakajima et al. "The mechanism of catecholaminergic polymorphic ventricular tachycardia may be triggered activity due to delayed after depolarization", European Heart Journal, England, March 1997, pp. 530-531

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.  
 VA 609645.1